

CUSTOMER NO.: 38107  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of ) Examiner: M. VAUGHN  
LEUSSLER, et al. )  
Serial No.: 10/517,929 ) Art Unit: 2859  
Filed: December 14, 2004 ) Confirmation: 6889  
For: **MR DEVICE PROVIDED** )  
**WITH DIFFERENTLY** )  
**OPTIMIZED RF COIL** )  
**ARRAYS** )  
Date of Last Office Action: )  
April 5, 2006 )  
Attorney Docket No.: ) Cleveland, OH 44114  
PHDE020153US/ PKRZ 2 01092 ) June 29, 2006

**AMENDMENT B**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is responsive to the Office Action of April 5, 2006.

Amendments to the specification begin on page 2.

Amendments to the abstract appear on page 3.

Amendments to the claims are reflected in the listing of claims which begins on page 10.

Remarks begin on page 14.

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**CERTIFICATE OF ELECTRONIC TRANSMISSION**

I certify that this Amendment B and accompanying documents in connection with U.S. Serial No. 10/517,929 are being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).

6-29-06  
Date

Patricia A. Heim  
Patricia A. Heim

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**DEPOSIT ACCOUNT**

The Patent Office is authorized to charge any fees associated with this filing to our deposit account no. **14-1270**

Tom Lundin

Thomas M. Lundin, Reg. No. 48,979